

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/SE 2004/000841

## A. CLASSIFICATION OF SUBJECT MATTER

**IPC7: B60R 21/01, B60R 22/46, B60R 21/32**

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

**IPC7: B60R**

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

**SE,DK,FI,NO classes as above**

Electronic data base consulted during the international search (name of data base and, where practicable; search terms used)

**EPO-INTERNAL, WPI DATA, PAJ, INSPEC**

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6179330 B1 (FRANZ WIER), 30 January 2001 (30.01.2001), column 1, line 8 - column 2, line 13  --	1-27
A	WO 0100454 A1 (SIEMENS AUTOMATIVE CORPORATION), 4 January 2001 (04.01.2001), page 1, line 11 - page 3, line 5  --	1-27
A	US 2003066362 A1 (SHIH YUAN LEE ET AL), 10 April 2003 (10.04.2003), see page 1, paragraph 18 - page 6, paragraph 57  --	1-27
A	EP 0940307 A2 (TAKATA CORPORATION), 8 Sept 1999 (08.09.1999), column 1, line 5 - column 3, line 21  --	1-27

Further documents are listed in the continuation of Box C.

See patent family annex.

\* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search

30 August 2004

Date of mailing of the international search report

09-09-2004

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**INTERNATIONAL SEARCH REPORT**International application No.  
PCT/SE 2004/000841**C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PATENT ABSTRACTS OF JAPAN Vol.2000, no. 25, 12 April 2001 (2001-04-12) & JP 2001225723 A (HONDA MOTOR CO LTD) 21 Augusti 2001 (2001-08-21) abstract  -----	1-27

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

31/07/2004

International application No.

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US	6179330	B1	30/01/2001	DE	29702125	U	05/06/1997
				DE	59803808	D	00/00/0000
				EP	0858935	A,B	19/08/1998
				ES	2121720	T	16/12/1998
				JP	10217912	A	18/08/1998
<hr/>				WO	0100454	A1	04/01/2001
				BR	0011921	A	19/03/2002
				CN	1362922	T	07/08/2002
				EP	1189787	A	27/03/2002
				JP	2003503700	T	28/01/2003
				US	6494482	B	17/12/2002
				US	6764094	B	20/07/2004
				US	2002020994	A	21/02/2002
				US	2003001367	A	02/01/2003
<hr/>				US	2003066362	A1	10/04/2003
						NONE	
<hr/>				EP	0940307	A2	08/09/1999
				JP	11245766	A	14/09/1999
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